

ABSTRACT OF THE DISCLOSURE

An Object Request Broker (ORB) working in the Common Object Request Broker Architecture (CORBA) is structured to handle the registration of multiple and diverse communications protocols. The protocol engine of the ORB has its architecture modified so that it can accept a plug-in component which has a protocol connector and a protocol adapter portion for communication between client and server applications, respectively. The plug-in converts from the client/server applications to the General Inter-ORB Protocol used by the ORB. The plug-in will be fully operational if it has an interface to the rest of the ORB as required by the invention, including a protocol connection interface for the connector interface and Listener and Dispatcher interfaces for the server-adaptor interface.